



AU 1807

**RAW SEQUENCE LISTING
PATENT APPLICATION US/08/327,525**

DATE: 08/22/96
TIME: 14:30:20

INPUT SET: S3840.raw

This Raw Listing contains the General Information Section and those Sequences containing ERRORS.

SEQUENCE LISTINGS
Not Comply
with Selected Diskette Needed

Repp 24

1 (1) General Information:

2 (i) APPLICANT: Chee, Mark S.
3 Wang, Chunwei
4 Jevons, Luis C.
5 Bernhart, Derek H.
6 Lipshutz, Robert J.

7 (ii) TITLE OF INVENTION: Computer-Aided Visualization and
8 Analysis System for Sequence Evaluation

9 (iii) NUMBER OF SEQUENCES: 39

10 (iv) CORRESPONDENCE ADDRESS:

11 (A) ADDRESSEE: Townsend and Townsend Khourie and Crew
12 (B) STREET: One Market Plaza, Steuart Tower, Suite 2000
13 (C) CITY: San Francisco
14 (D) STATE: California
15 (E) COUNTRY: USA
16 (F) ZIP: 94105

17 (v) COMPUTER READABLE FORM:

18 (A) MEDIUM TYPE: Floppy disk
19 (B) COMPUTER: IBM PC compatible
20 (C) OPERATING SYSTEM: PC-DOS/MS-DOS
21 (D) SOFTWARE: PatentIn Release #1.0, Version #1.25

22 (vi) CURRENT APPLICATION DATA:

23 (A) APPLICATION NUMBER: US
24 (B) FILING DATE:
25 (C) CLASSIFICATION:

26 (viii) ATTORNEY/AGENT INFORMATION:

27 (A) NAME: Norviel, Vernon A.
28 (B) REGISTRATION NUMBER: 32,483
29 (C) REFERENCE/DOCKET NUMBER: 16528X-82

30 (ix) TELECOMMUNICATION INFORMATION:

31 (A) TELEPHONE: 415-326-2400
32 (B) TELEFAX: 415-326-2422

--> QC

ERRORED SEQUENCES FOLLOW:

PAGE: 2

**RAW SEQUENCE LISTING
PATENT APPLICATION US/08/327,525**DATE: 08/22/96
TIME: 14:30:22**INPUT SET: S3840.raw**

221 (2) INFORMATION FOR SEQ ID NO:12:

222

223 (i) SEQUENCE CHARACTERISTICS:

--> 224 (A) LENGTH: 59 base pairs

225 (B) TYPE: nucleic acid

226 (C) STRANDEDNESS: single

227 (D) TOPOLOGY: linear

228

229 (ii) MOLECULE TYPE: DNA (oligonucleotide)

230

231

232

233 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:12:

--> 234 235 GCATTAGTAG AGATATGGAG AGRARDGGRA ~~AXXXAAGGGA~~ AAATTNNNAA AATTGGGCC 59

"X" is not a valid base code, per 1.822(b)
Sequence Rules

236

237 (2) INFORMATION FOR SEQ ID NO:13:

238

239 (i) SEQUENCE CHARACTERISTICS:

--> 240 (A) LENGTH: 59 base pairs

241 (B) TYPE: nucleic acid

242 (C) STRANDEDNESS: single

243 (D) TOPOLOGY: linear

244

245 (ii) MOLECULE TYPE: DNA (oligonucleotide)

246

247

248

249 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:13:

--> 250 251 GCATTAGTAG AGATATGKAS AGRARDGGRA ~~AXXXAAGGGA~~ AAAKTNNA AATTGGGCC 59

invalid

254 (2) INFORMATION FOR SEQ ID NO:14:

255

256 (i) SEQUENCE CHARACTERISTICS:

--> 257 (A) LENGTH: 59 base pairs

258 (B) TYPE: nucleic acid

259 (C) STRANDEDNESS: single

260 (D) TOPOLOGY: linear

261

262 (ii) MOLECULE TYPE: DNA (oligonucleotide)

263

264

265

266 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:14:

--> 267 268 GCATTAGTAG AGATATGKAS AGRRRDGGRA ~~AXXXAAGGGA~~ AAADTYNNAA AATTGGGCC 59

invalid

270 (2) INFORMATION FOR SEQ ID NO:15:

PAGE: 3

**RAW SEQUENCE LISTING
PATENT APPLICATION US/08/327,525**

DATE: 08/22/96
TIME: 14:30:24

INPUT SET: S3840.raw

PAGE: 4

**RAW SEQUENCE LISTING
PATENT APPLICATION US/08/327,525**DATE: 08/22/96
TIME: 14:30:26**INPUT SET: S3840.raw**

--> 321 (A) LENGTH: 59 base pairs
322 (B) TYPE: nucleic acid
323 (C) STRANDEDNESS: single
324 (D) TOPOLOGY: linear
325
326 (ii) MOLECULE TYPE: DNA (oligonucleotide)
327
328
329
330 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:18:
331
--> 332 GCATTA~~TAG~~ GAGGNNNGAC ACGGRKGGAA AXXMAAGGGA AA~~A~~KTNNA~~A~~ AATTGGGCC 59
333 *invalid*

494 (2) INFORMATION FOR SEQ ID NO:27:
495
496 (i) SEQUENCE CHARACTERISTICS:
--> 497 (A) LENGTH: 160 base pairs
498 (B) TYPE: nucleic acid
499 (C) STRANDEDNESS: single
500 (D) TOPOLOGY: linear
501
502 (ii) MOLECULE TYPE: DNA (oligonucleotide)
503
504
505
506 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:27:
507
--> 508 TCGAGATAAT CTATGTCCTC GTCTACTATG TCATAATCTT CTTTACYCAA ACGGTCC~~TXC~~ 60
509 *invalid*
510 TACCTTTGGT TTTTACTATC CCMCTTAACC TCCAAAATAG TTTCATTCTG TCATACTAGT 120
511
512 CTATGAGTAG CTTTAGACAC CTGTATTCG ATATCCATGT 160
513

PAGE: 1

**SEQUENCE VERIFICATION REPORT
PATENT APPLICATION US/08/327,525**DATE: 08/22/96
TIME: 14:30:28**INPUT SET: S3840.raw**

Line	Error	Original Text
31	Wrong application Serial Number	(A) APPLICATION NUMBER: US
224	Entered (59) and Calc. Seq. Length (56) differ	(A) LENGTH: 59 base pairs
235	Wrong Nucleic Acid Designator	GCATTAGTAG AGATATGGAG AGRARDGGRA AXXX
235	Wrong Nucleic Acid Designator	GCATTAGTAG AGATATGGAG AGRARDGGRA AXXX
235	Wrong Nucleic Acid Designator	GCATTAGTAG AGATATGGAG AGRARDGGRA AXXX
235	# of Sequences for line conflicts w/ running total	GCATTAGTAG AGATATGGAG AGRARDGGRA AXXX
240	Entered (59) and Calc. Seq. Length (56) differ	(A) LENGTH: 59 base pairs
251	Wrong Nucleic Acid Designator	GCATTAGTAG AGATATGKAS AGRARDGGRA AXXX
251	Wrong Nucleic Acid Designator	GCATTAGTAG AGATATGKAS AGRARDGGRA AXXX
251	Wrong Nucleic Acid Designator	GCATTAGTAG AGATATGKAS AGRARDGGRA AXXX
251	# of Sequences for line conflicts w/ running total	GCATTAGTAG AGATATGKAS AGRARDGGRA AXXX
257	Entered (59) and Calc. Seq. Length (56) differ	(A) LENGTH: 59 base pairs
268	Wrong Nucleic Acid Designator	GCATTAGTAG AGATATGKAS AGRRRDGGRA AXXXA
268	Wrong Nucleic Acid Designator	GCATTAGTAG AGATATGKAS AGRRRDGGRA AXXXA
268	Wrong Nucleic Acid Designator	GCATTAGTAG AGATATGKAS AGRRRDGGRA AXXXA
268	# of Sequences for line conflicts w/ running total	GCATTAGTAG AGATATGKAS AGRRRDGGRA AXXXA
273	Entered (59) and Calc. Seq. Length (58) differ	(A) LENGTH: 59 base pairs
284	Wrong Nucleic Acid Designator	GCATTAGTAG AGATATGTAS AGRRADGGAA AXGG
284	# of Sequences for line conflicts w/ running total	GCATTAGTAG AGATATGTAS AGRRADGGAA AXGG
289	Entered (59) and Calc. Seq. Length (58) differ	(A) LENGTH: 59 base pairs
300	Wrong Nucleic Acid Designator	GCATTAGTAG AGATATGTAC AGRGAGGGAA AXGG
300	# of Sequences for line conflicts w/ running total	GCATTAGTAG AGATATGTAC AGRGAGGGAA AXGG
305	Entered (59) and Calc. Seq. Length (58) differ	(A) LENGTH: 59 base pairs
316	Wrong Nucleic Acid Designator	GCATTAGTAG AGATATGTAS AGRGAGGGAA AXGG
316	# of Sequences for line conflicts w/ running total	GCATTAGTAG AGATATGTAS AGRGAGGGAA AXGG
321	Entered (59) and Calc. Seq. Length (57) differ	(A) LENGTH: 59 base pairs
332	Wrong Nucleic Acid Designator	GCATTAGTAG GAGGNNGAC AGGGRKGGA AXXM
332	Wrong Nucleic Acid Designator	GCATTAGTAG GAGGNNGAC AGGGRKGGA AXXM
332	# of Sequences for line conflicts w/ running total	GCATTAGTAG GAGGNNGAC AGGGRKGGA AXXM
497	Entered (160) and Calc. Seq. Length (159) differ	(A) LENGTH: 160 base pairs
508	Wrong Nucleic Acid Designator	TCGAGATAAT CTATGTCCTC GTCTACTATG TCATAA
508	# of Sequences for line conflicts w/ running total	TCGAGATAAT CTATGTCCTC GTCTACTATG TCATAA